

TO: Airborne Science Program
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Flight Report

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| Aircraft : | DC-8 N817 NA |
| Operating Site(s) From / To : | KFLL to KFLL |
| Flight Date : | 9/17/10 |
| Flight Number : | 100621 |
| Take Off Time : | 15.38.53 UTC |
| Landing Time : | 23.44.50 UTC |
| Flight Time : | 8.2 Hr. |
| Flt Request # / PI: | 108201 / Vasquez |
| Purpose of Flight : | Data [X] Ferry [] Functional Check [] Other [] |
| Aircraft Status: | Up [X] Down [] |
| Sensor Payload : | CAPS, PIP, DAWN, LARGE, LASE, MMS, APR-2, DAWN, and Drop-sondes operated. |
| Comments : | Observed Hurricane Karl just after landfall in Mexico. Made one butterfly pattern across the center of circulation, then made several circuits of the eye at a radius of 9 to 18 miles. During the transit back to Ft. Lauderdale, surveyed several non-precipitating clouds at various levels. Kelly Neubecker of FAA Airspace and Rules participated on the flight to observe lidar operations and other aspects of the mission. |